

Fig. 8

Moloney Murine Leukemia Virus – envelope protein (gp70), nucleic acid sequence (from complete MoMLV genome sequence; Genbank Accession No. NC\_001501). The SU (extracellular domain) is encoded by nucleotides 5612 – 6919 (pictured below). The transmembrane and cytoplasmic tail extends from nucleotides 6920-7507. There is a signal peptide sequence at the beginning of the SU, localizing the protein to the cell membrane.

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5581 aattcttctg atgtcagag gggtcagtac tgettcgccc ggctccagtc ctcatacaagt
5641 ctataatatc acctgggagg taaccaatgg agatcgggag acggtatggg caacttctgg
5701 caaccaccct ctgtggacct ggtggcctga ccttacccca gatttatgta tgttagccca
5761 ccatggacca tcttattggg ggctagaata tcaatccctt ttttcttctc ccccggggce
5821 cccttggtgc tcagggggca gcagcccagg ctgttccaga gactgcgaag aacctttaac
5881 ctccctcacc cctcggtgca acactgcctg gaacagactc aagctagacc agacaactca
5941 taaatcaaat gagggatttt atgtttgccc cgggccccac cgcccccgag aatccaagtc
6001 atgtgggggt ccagactcct tctactgtgc ctattggggc tgtgagacaa ccggtagagc
6061 ttactggaag cctcctcat catgggattt catcacagta aacaacaatc tcacctctga
6121 ccaggctgtc caggtatgca aagataataa gtggtgcaac cccttagtta ttcggtttac
6181 agacgccggg agacgggtta ctctctggac cacaggacat tactggggct tacgtttgta
6241 tgtctccgga caagatccag ggcttacatt tgggatccga ctacagatacc aaaatctagg
6301 accccgcgtc ccaatagggc caaacccgtt tctggcagac caacagccac tctccaagcc
6361 caaacctggt aagtcgcctt cagtcaccaa accaccagtg gggactcctc tctcccttac
6421 ccaacttcca ccggcgggaa ctgacaaaac ccaagagtgc ttagtagacg gagcctacca
6481 agccctcaac ctcaccagtc ctgacaaaac ccaagagtgc ttagtagacg gagcctacca
6541 acccccttac tacgaagggg ttgcgcctct gggtagctac tccaaccata cctctgctcc
6601 agccaactgc tccgtggcct cccaacacaa gttgaccctg tccgaagtga ccggacaggg
6661 actctgcata ggagcagttc ccaaacacaa tcaggcccta tgtaatacca cccagacaag
6721 cagtcgaggg tcctattatc tagttgcccc tacagggtacc atgtgggctt gtagtaccgg
6781 gcttactcca tgcattctca ccaccatact gaaccttacc actgattatt gtgttcttgt
6841 cgaactctgg ccaagagtca cctatcattc cccagctat gtttacggcc tgtttgagag
6901 atccaaccga cacaaaagag aaccggtgtc gttaaccctg gccctattat tgggtggact
6961 aaccatgggg ggaattgccg ctggaatagg aacagggact actgctctaa tggccactca
7021 gcaattccag cagctccaag ccgcagtaca ggatgatctc agggaggttg aaaaatcaat
7081 ctctaaccta gaaaagtctc tcacttccct gtctgaagtt gtcctacaga atcgaagggg
7141 cctagacttg ttattttctaa aagaaggagg gctgtgtgct gctctaaaag aagaatgttg
7201 cttctatgcg gaccacacag gactagttag agacagcatg gccaaattga gagagaggct
7261 taatcagaga cagaaactgt ttgagtcaac tcaaggatgg tttgagggac tgtttaacag
7321 atccccttgg tttaccacct tgatatctac cattatggga cccctcattg tactcctaata
7381 gatattgctc ttcggaccct gcattcttaa tcgattagtc caatttgta aagacaggat
7441 atcagtggtc caggctctag ttttgactca acaatatcac cagctgaagc ctatagagta
7501 cgagccatag ataaaataaa agattttatt tagtctccag aaaaaggggg gaatgaaaga
  
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